Datasheet

HP EliteDesk 700 G1 Small Form Factor PC

Business demands powerful technology with security features to protect data, and designs that impress users and customers alike. The HP EliteDesk 700 G1 SFF combines these qualities with customized deployment for mission critical projects.

HP recommends Windows.

Windows 8.1[1]
Intel® Core™ i3/i5 processors[2]

Solid performance

Power through your day with speed and performance. Move quickly between applications and programs in Windows 8.1[1] with the proven performance of trusted 4th generation Intel® Core™ i3/i5 processors.[2]

Expand with ease

Extend the life of your purchase. Using the tool-less chassis this easily upgradable platform features up to 4 expansion slots, 10 ports and multiple connectors to help you meet growing demands.

Designed to go the distance

The HP EliteDesk 700 G1 SFF is designed to undergo MIL-STD 810G tests.[3] Prior to that HP performed 115,000 hours of our own testing and end-to-end diagnostics to help ensure you get confidence built right in.

Featuring:

The new way to do business. Impress and perform like never before—and meet a variety of business demands—with highly customizable tools and a stylish design.
HP BIOSphere boosts security and keeps mission-critical data and systems under lock and key with customizable authentication and BIOS-level passwords.[4]
HP Client Security suite[5] helps you quickly and easily encrypt your hard drive, permanently delete unwanted or discarded data,[6] restrict unauthorized access, and more.
The embedded Trusted Platform Module 1.2 (TPM) provides hardware-based encryption keys to help secure your data, e-mail, and user credentials.
Keep everything in plain sight and be up to 35%[7] more productive. There's plenty of screen room for all your work with support for up to three external displays.[8]

Count on the support you need to get long-term value out of your investment. This work-ready PC is designed for a long life cycle, with platform stability up to 12 months.

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Form Factor	Small Form Factor
Operating System	Windows 8.1 Pro 64[1] Windows 8.1 64[1] Windows 7 Professional 32[1] Windows 7 Professional 64[1] Windows 7 Professional 32 (available through downgrade rights from Windows 8 Pro 64)[2] Windows 7 Professional 64 (available through downgrade rights from Windows 8 Pro 64)[2] Ubuntu Linux 64 FreeDOS
Processor Family	Intel® Core™ i5 processor; Intel® Core™ i3 processor
Processor	Intel® Core™ i5-4590 with Intel HD Graphics 4600 (3.3 GHz, 6 MB cache, 4 cores); Intel® Core™ i5-4570 with Intel HD Graphics 4600 (3.2 GHz, 6 MB cache, 4 cores); Intel® Core™ i3-4150 with Intel HD Graphics 4600 (3.5 GHz, 3 MB cache, 2 cores); Intel® Core™ i3-4130 with Intel HD Graphics 4400 (3.4 GHz, 3 MB cache, 2 cores)[3]
Chipset	Intel® Q87 Express
Memory	Up to 32 GB DDR3-1600 SDRAM[4] Memory slots: 4 DIMM
Storage	Internal drive bays External drive bays One 3.5" MCR; One slim ODD 500 GB, up to 2 TB, SATA (7200 rpm)[5] up to 500 GB, SATA SED[5] 120 GB, up to 256 GB, SATA SE SSD[5] 128 GB, up to 256 GB, SATA SSD[5] 500 GB, up to 1 TB, SATA SSHD[5]
Removable Media	Slim SATA BDXL Blu-ray writer; Slim SATA SuperMulti DVD writer; Slim SATA DVD-ROM[6,16]
Graphics	Integrated Intel HD Graphics[8,9]
Audio	DTS Studio Sound audio management technology, HD audio with Realtek ALC221 codec (all ports are stereo), microphone and headphone front ports (3.5 mm), line-out and line-in rear ports (3.5 mm), multi-streaming capable and Internal speaker
Communications	Integrated Intel I217LM GbE; Intel Ethernet I210-T1 PCIe GbE (optional); Intel 7260 802.11a/b/g/n wireless PCIe (optional)[7]
Expansion Slots	2 low-profile PCIe x1; 1 low-profile PCIe x16 (x4); 1 low-profile PCIe x16
Ports and Connectors	4 USB 3.0; 6 USB 2.0; 1 serial; 2 PS/2; 1 VGA; 2 DisplayPort; 1 audio in; 1 audio out; 1 RJ-45; 1 headphone; 1 microphone Optional ports include 1 serial and 1 parallel
Input Device	HP PS/2 Keyboard; HP USB Keyboard; HP USB Smart Card (CCID) Keyboard; HP USB and PS/2 Washable Keyboard; HP Wireless Keyboard and Mouse combo[10] HP PS/2 Mouse; HP USB Mouse; HP USB 1000 dpi Laser Mouse; HP USB and PS/2 Washable Mouse
Security	Trusted Platform Module (TPM) 1.2; SATA port disablement (via BIOS); Drive lock; RAID (available as a configurable option); Intel Identity Protection Technology (IPT); Serial, parallel, USB enable/disable (via BIOS); Optional USB port disable at factory (user configurable via BIOS); Removable media write/boot control; Power-on password (via BIOS); Setup password (via BIOS); Solenoid hood lock/sensor; Support for chassis padlocks and cable lock devices
Software	HP business PCs are shipped with a variety of software titles including: HP Client Security, HP Drive Encryption (FIPS 140-2), HP Password Manager, Microsoft Security Essentials, CyberLink Power DVD BD, HP ePrint Driver, HP PageLift, Box 50 GB Offer, Foxit PhantomPDF Express. Please refer to this product's quick spec document for a full list of preinstalled software[11,12,13,14]
Dimensions	33.8 x 37.9 x 10 cm
Weight	7.6 kg Configured with 1 HDD and 1 ODD. Exact weight depends on configuration
Operating Humidity Range	10 to 90% RH
Operating Temperature Range	10 to 35°C
Energy Efficiency Compliance	ENERGY STAR® qualified configurations available Low halogen
Power	240 W standard efficiency, active PFC; 240 W, up to 93% efficient, active PFC
Warranty	3-year (3-3-3) limited warranty and service offering includes 3 years of parts, labor and on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

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Accessories and services (not included)

HP 8-GB PC3-12800 (DDR3-1600 MHz) DIMM Memory

Maximize your business PC performance with HP Memory. Upgrading your memory is a cost-effective way to boost your system performance without having to upgrade your processor.
Product number: B4U37AA

NVIDIA NVS 315 1GB Graphics Card

Get efficient dual-display graphics performance in a PCI Express low-profile graphics card with the NVIDIA NVS 315 PCIe x16 1 GB Graphics Card, an ideal desktop graphics solution for professional business and commercial applications.
Product number: E1C65AA

HP 128 GB SED Opal2 Solid State Drive

Get fast boot-up time, file searches, and application starts, and less downtime and power usage with the HP 128 GB SED Opal 2 Solid State Drive.[1,2]
Product number: G1K24AA

HP Business Headset

Comfortable and lightweight, the HP Business Digital Headset provides a headset that is perfect for call centers, telephone-intensive jobs, or casual use while working at your desk. The over-the-head flexible design includes light padding, full size leather ear phones and a mounted microphone boom.
Product number: QK550AA

HP Wireless Keyboard and Mouse

The HP Wireless Keyboard and Mouse places advanced functionality and ease of operation at your fingertips. Stop hiding wires and regain a clutter-free work space with a cordless keyboard, cordless laser mouse and USB wireless receiver in a single package – built with the environment in mind.
Product number: QY449AA

Learn more at
www.hp.eu/hpoptions

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Footnotes

[1] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows functionality. See http://www.microsoft.com.; [2] Multi-Core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. 64-bit computing system required. Performance will vary depending on your hardware and software configurations. Intel's numbering is not a measurement of higher performance.; [3] MIL-STD testing is pending and is not intended to demonstrate fitness for U.S. Department of Defense contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions.; [4] HP BIOSphere features may vary depending on the PC platform & configuration.; [5] Requires Windows.; [6] For the use cases outlined in the DOD 5220.22-M Supplement. Does not support Solid State Drives (SSDs). Requires Disk Sanitizer, External Edition for Business Desktops from hp.com. Initial setup required. Web history deleted only in Internet Explorer and Firefox browsers and must be user enabled.; [7] "Observed Productivity, Efficiency and User Satisfaction when Using Multiple or Large Displays," Koala LLC Ergonomics Consulting, November 6, 2012.; [8] Support for external displays as a standard feature through integrated processor-based graphics is dependent upon the particular PC platform/form factor; the actual number of displays supported will vary. An optional discrete graphics solution will be required for the support of additional displays. Additional cables required.

Technical specifications disclaimers

[1] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows functionality. See http://www.microsoft.com.; [2] This system is preinstalled with Windows 7 Professional software and also comes with a license and media for Windows 8.1 Pro software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.; [3] Multi-Core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. 64-bit computing system required. Performance will vary depending on your hardware and software configurations. Intel's numbering is not a measurement of higher performance.; [4] Full availability of 4 GB or more of memory requires a 64-bit operating system. With Windows 32-bit operating systems, the amount of usable memory is dependent upon your configuration, so that above 3 GB all memory may not be available due to system resource requirements.; [5] For hard drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 16 GB (for Windows 7) and up to 30 GB (for Windows 8.1) of system disk is reserved for system recovery software.; [6] Duplication of copyrighted material is strictly prohibited. Actual speeds may vary. Double Layer media compatibility will widely vary with some home DVD players and DVD-ROM drives. Note that DVD-RAM cannot read or write to 2.6GB Single Sided/5.2 Double Sided-Version 1.0 Media.; [7] Wireless cards are optional or add-on features and requires separately purchased wireless access point and internet service. Availability of public wireless access points limited.; [8] HD content required to view HD images.; [9] Integrated Intel HD graphics uses part of the total system memory for video performance. System memory dedicated to video performance is not available for other use by other programs.; [10] Optional or add-on feature.; [11] Drive Encryption requires Windows. Data is protected prior to Drive Encryption login. Turning the PC off or into hibernate logs out of Drive Encryption and prevents data access.; [12] Requires an Internet connection to HP web-enabled printer and HP ePrint account registration (for a list of eligible printers, supported documents and image types and other HP ePrint details, see www.hp.com/go/eprintcenter).Requires optional broadband module. Broadband use requires separately purchased service contract. Check with service provider for coverage and availability in your area. Separately purchased data plans or usage fees may apply. Print times and connection speeds may vary.; [13] Requires Box registration. Offer available to new Box users only. Box App requires Windows 8 or 8.1. Offer subject to change without notice.; [14] HP Client Security requires Windows.; [15] External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen.; [16] With Blu-Ray drive XL, certain disc, digital connection, compatibility and performance issues may arise, and do not constitute defects in the product. Flawless playback on all systems is not guaranteed. In order for some Blu-ray titles to play, they may require an HDCP path and HDCP display. HD-DVD movies cannot be played on this BDXL Drive.

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